

JC05 Rec'd PCT/PTO 17 JUN 2005

PTO/SB-01A (08-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT'S (Form PTO-1449) | | Complete if Known | | | | |
|---|-----------------------|---|-------------------------------|--|---|-------------------------------------|
| | | Application Number | | To Be Assigned 40/539792 EP03/131661 | | |
| | | Filing Date: | | Herewith | | |
| | | First Named Inventor | | HUSEMANN, et al. | | |
| | | Art Unit | | To Be Assigned | | |
| | | Examiner Name: | | To Be Assigned | | |
| Sheet 1 of 2 | | Attorney Docket Number: | | 101769-315 | | |
| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner's Initials* | Cite No. ¹ | Document Number Number-Kind Code ² | Publication Date MM-DD-YYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
| KR | A | US - 6,417,244 B1 | 07/09/2002 | Wellinghoff, et al. | Paragraph 29 | |
| KR | B | US - 5,910,522 | 06/08/1999 | Schmidt, et al. | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| Examiner's Initials* | Cite No. | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ | Publication Date MM-DD-YYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| KR | C | WO 03/057773 A1 | 07.17.03 | Takamasa, et al. | Claims | <input checked="" type="checkbox"/> |
| KR | D | EP 0 359 430 A2 | 03.21.90 | Bonham, et al. | Claims | |
| KR | E | EP 1 081 163 A1 | 03.07.01 | McGall, Glen | Claims | |
| KR | F | DE 195 12 427 A1 | 10.10.96 | Helmut, et al. | | |
| NON PATENT LITERATURE DOCUMENTS | | | | | | |
| Examiner's Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | T ⁶ |
| KR | G | PHILIPSE, et al., "Preparation and Properties of Nonaqueous Model Dispersions of Chemically Modified, Charged Silica Spheres", Journal of Colloid and Interface Science, Vol. 128, No.1, pps. 121-136, March 1, 1989. | | | | |
| KR | H | HUSSEMAN, et al., "Controlled Synthesis of Polymer Brushes by "Living" Free Radical Polymerization Techniques", Macromolecules, Vol. 32, pgs. 1424-1431, 1999. | | | | |
| KR | I | KATO, et al., "Polymerization of Methyl Methacrylate with the Carbon Tetrachloride/Dichlorotris- (triphenylphosphine)ruthenium(II)/ Methylaluminum Bis(2,6-di-tert-butylphenoxide) Initiating System: Possibility of Living Radical Polymerization", Macromolecules, Vol. 28, pps. 1721-1723, 1995. | | | | |
| EXAMINER SIGNATURE: /Karuna Reddy/ | | DATE CONSIDERED: 11/15/2006 | | | | |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²see Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</p> <p>The collection of information is required by 37 CFR 1.197 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</p> | | | | | | |

JC05 Rec'd PCT/PTO 17 JUN 2005

PTO/SB/08A (03-03)

Approved for use through 7/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|--|----------|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT'S (Form PTO-1449) | | Complete if Known | |
| | | Application Number | To Be Assigned EP03/13460 101769792 |
| | | Filing Date: | Herewith |
| | | First Named Inventor | HUSEMANN, et al. |
| | | Art Unit | To Be Assigned |
| | | Examiner Name: | To Be Assigned |
| Sheet 2 | of 2 | Attorney Docket Number: | 101769-315 |
| U.S. PATENT DOCUMENTS | | | |
| NON PATENT LITERATURE DOCUMENTS | | | |
| Examiner's Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁴ |
| KR | I | WANG, et al., "Controlled/"Living" Radical Polymerization. Atom Transfer Radical Polymerization in the Presence of Transition-Metal Complexes", J. Am. Chem. Soc., Vol. 117, pps. 5614-5615, 1995. | |
| KR | J | BUNNING, et al., "A Simple Preparation of Small, Smooth Silica Spheres in a Seed Alcosol for Stober Synthesis", Journal of Colloid and Interface Science, Vol. 179, pps. 318-321, Article No. 0220, 1996. | |
| KR | K | International Search Report dated 23.04.04 | |
| KR | L | German Search Report dated 02.06.03 | |
| EXAMINER SIGNATURE: /Karuna Reddy/ | | DATE CONSIDERED: 11/15/2006 | |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²see Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.</p> <p>⁶Applicant is to place a check mark here if English language Translation is attached.</p> <p>The collection of information is required by 37 CFR 1.197 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</p> | | | |